

UP To 367000 fps

- 1.3MP @5000 fps
- Support up to 64 memory partitions
- 10GigE data interface, compatible with GigE
- Automatic triggering of image changes

ISPEEDY50MT13M/C-SE



Applied range • Sports Technology • Digital Referee • Vehicle Crash Test • Flame Image Analysis • Blast Research • Fluid Analysis

Camera	iSpeedy50MT13M/C-SE
Resolution [H*V]	1280×1024
Full Frame Rate	5000fps
Max Frame Rate	367000fps
Min Exposure Time	100ns
Pixel Size	14.6um
Standard RAM	16G、32G、64G、128G (Optional)
Extended Memory	/
Shutter	Global
Dynamic Range	60dB
Analog Gain	×2、×4、×8
Sensitivity	ISO56000(Mono); ISO21000(Color)
Bit Depth	8bit / 10bit / 12bit
Color	Mono / Color
Data Interface	10 Gigabit Ethernet, Adaptive Gigabit Ethernet
Lens Mount	E interface, can be connected to F/C/EF interface
Trigger Mode	Manual, IO, Image
External Signal	Input: trigger (TTL/switch) signal, synchronization signal, ready signal, event signal, IRIGB signal Output: trigger signal, synchronization signal, ready signal
Dimensions & Weight	90D×110W×110H (<1.8kg)
Operating Temperature/Humidity	Standard -10~50 °C , below 95% (without condensation), customizable -40~65 °C wide temperature version
Power Supply	DC24V@<30W

Performance

Resolution	Frame Rate	Record time (memory)		
		16GB	32GB	64GB
1280×1024	5000fps	2.6s	5.2s	10.4s
1280×768	6700fps	2.6s	5.2s	10.4s
1280×512	10000fps	2.6s	5.2s	10.4s
1280×256	19900fps	2.6s	5.2s	10.4s
1280×128	39000fps	2.6s	5.2s	10.4s
1280×8	367000fps	4.5s	9s	18s

*Recording time with 8bit grayscale,the 128GB version records twice as long as 64GB.

Dimensions

